

+

**Complete if Known**

*(use as many sheets as necessary)*

Sheet 1 of 1

<b>Application Number</b>	10/087,027
<b>Filing Date</b>	Feb 28, 2002
<b>First Named Inventor</b>	Smith
<b>Group Art Unit</b>	2127
<b>Examiner Name</b>	FOLLANSBEE, JOHN A
<b>Attorney Docket Number</b>	MS1-861USC1

[illegible][illegible]

**Examiner  
Signature**

CHARLES ANYA

Date Considered

966.5

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



+

**Complete if Known**

<b>Application Number</b>	10/087,027
<b>Filing Date</b>	Feb 28, 2002
<b>First Named Inventor</b>	Smith
<b>Group Art Unit</b>	2126
<b>Examiner Name</b>	ANYA, CHARLES E
<b>Attorney Docket Number</b>	MS1-861USC1

Sheet	1	of	2
-------	---	----	---

Attorney Docket Number MS1-861USC1

[illegible]

9/26/05

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

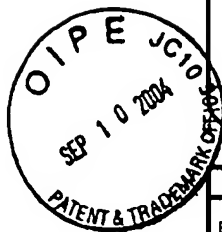
**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

**DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

Please type a plus sign (+) inside this box → +

+



Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
Application Number	10/087,027		
Filing Date	Feb 28, 2002		
First Named Inventor	Smith		
Group Art Unit	2126		
Examiner Name	ANYA, CHARLES E		
Attorney Docket Number	MS1-861USC1		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CA		Lam et al.; .NET Framework Essentials June 2001 O'Reilly Pages 1-32.	
CA		Meyer; [Microsoft; NET is coming [Microsoft Web Services platform] IEEE Computer Volume: 34 Issue: 8 Aug 2001 pp 92-97.	
CA		Cheng et al.; "XML and DB2" IEEE Data Engineering 2000. Proceedings 16th International Conference on Feb 29 - March 3 2000 pp 569-573.	
CA		Shannon; "Java 2 Platform Enterprise Edition Specification" v1.2 12/17/1999 pages 2-8 thru 2-11 and 6-2 thru 6-6.	
CA		Flanagan; "Java in a Nutshell" O'Reilly & Associates 1996 pages 193-200, 237-253 267-270, 339-342.	
CA		Flanagan; "Java foundation classes in a Nutshell" O'Reilly 9-1000 Chapters 1-2.	
CA		Gould; "Develop n-tier applications using J2EE" Java World 12-2000 pages 1-10.	

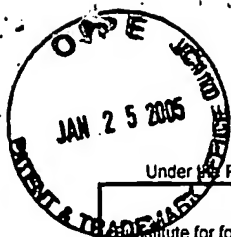
Examiner Signature	CHARLES ANYA	Date Considered	9/26/05
-----------------------	--------------	--------------------	---------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/087,027
		Filing Date	2/28/2002
		First Named Inventor	Adam W. Smith
		Art Unit	2126
Sheet 1 of 2	Examiner Name	CHARLES E ANYA	
		Attorney Docket Number	MS1-861USC1

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
CA		US- 5.218.699		06-08-1993	Brandle et al.	
CA		US- 5.430.876		07-04-1995	Schreiber et al.	
CA		US- 5.748.962		05-05-1998	Brechtel et al.	
CA		US- 5.822.580		10-13-1998	Leung	
CA		US- 5.903.753		05-11-1999	Bramnick et al.	
CA		US- 5.956.509		09-21-1999	Kevner	
CA		US- 6.061.743		05-09-2000	Thatcher et al.	
CA		US- 6.175.878		01-16-2001	Seaman et al.,	
CA		US- 6.275.871		08-14-2001	Reinfelder et al.	
CA		US- 6.282.581		08-28-2001	Moore et al.	
CA		US- 6.298.354		10-02-2001	Saulpaugh et al.	
CA		US- 5.689.700		11-18-1997	Miller et al.	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	CHARLES ANYA	Date Considered	9/26/05
--------------------	--------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/087,027		
		Filing Date	2/28/2002		
		First Named Inventor	Adam W. Smith		
		Group Art Unit	2126		
		Examiner Name	CHARLES E ANYA		
Sheet	2	of	2	Attorney Docket Number	MS1-861USC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CA		Deitel & Deitel; Java™ How to Program book, Prentice Hall, Third edition, 1999 (pages 214-226, 817-838)	
CA		H Carr et al., Compiling Distributed C++, IEEE, 1993, pp. 496-503.	

Examiner Signature	CHARLES ANYA	Date Considered	9/26/05
--------------------	--------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

+

Sheet 1 of 2

Application Number	10/087,027
Filing Date	Feb 28, 2002
First Named Inventor	Smith
Group Art Unit	2126
Examiner Name	ANYA, CHARLES E
Attorney Docket Number	MS1-861USC1

[illegible][illegible]

9/26/05

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+

+

**Compleat If Known**

<b>Application Number</b>	10/087,027
<b>Filing Date</b>	Feb 28, 2002
<b>First Named Inventor</b>	Smith
<b>Group Art Unit</b>	2126
<b>Examiner Name</b>	ANYA, CHARLES E
<b>Attorney Docket Number</b>	MS1-861USC1

*(use as many sheets as necessary)*

Sheet	2	of	2
-------	---	----	---

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CA		TIM O'REILLY, "The Network Really Is the Computer," 6/8/2000, pp. 1-11, The O'Reilly Network, < <a href="http://www.oreilynet.com">http://www.oreilynet.com</a> >, retrieved from the Internet on 4/7/2003.	
CA		The Java™ 2 Enterprise Edition Developer's Guide, v1.2.1, May 2000, Sun Microsystems, Palo Alto Ca. U.S.A.; Chpt. 1, pp. 1-10; and Chpt. 9, pp. 152-155.	
CA		BILL SHANNON, Java™ 2 Platform Enterprise Edition Specification, v1.2, Sun Microsystems, Palo Alto, Ca. U.S.A., 12/17/99, Chpt. 2, pp. 1-7; and Chpt. 6, p. 1.	
CA		Java™ 2 Platform, Standard Edition, v1.2.2 API Specification, 1993-1999 Sun Microsystems, Inc., pp. 1-4, < <a href="http://java.sun.com/products/jdk/1.2/docs/api/overview-summary.html">http://java.sun.com/products/jdk/1.2/docs/api/overview-summary.html</a> >, retrieved from the Internet on 4/4/2003.	
		<b>RECEIVED</b>	
		JAN 13 2004	
		Technology Center 2100	

**Examiner  
Signatur**

Charles Anya

**Date**  
**Consid red**

10/18/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+